

APPARATUS AND METHOD FOR OPTIMIZING A
PELLICLE FOR OFF-AXIS TRANSMISSION OF LIGHT

ABSTRACT OF THE DISCLOSURE

An apparatus and method for optimizing a pellicle for off-axis transmission are disclosed. A pellicle includes a thin film optimized for transmission of off-axis incident light at a desired angle. The pellicle further includes an optical thickness greater than a design thickness by less than or equal to approximately one-quarter of an exposure wavelength.